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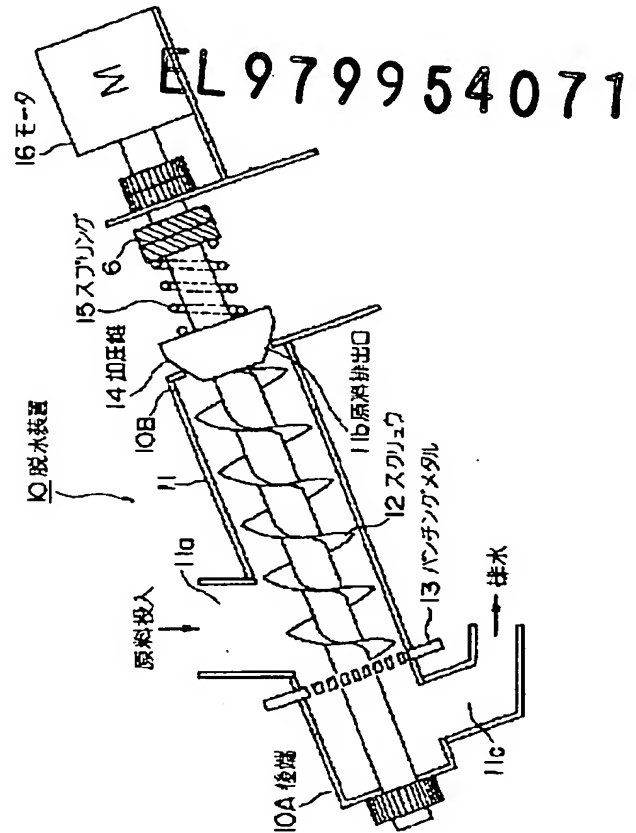
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APPLICANT : JAPAN STEEL WORKS LTD:THE;

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TITLE : DEHYDRATING DEVICE



ABSTRACT : PROBLEM TO BE SOLVED: To provide a dehydrating device which does not lower the dehydrating efficiency without damaging a drainage hole even in the case of the raw material containing hard foreign material, in comparison with the conventional dehydrating device, in which in the case of the raw material containing the hard foreign material, the damage of the drainage hole is developed and the dehydrating efficiency is lowered because the solid content in the raw material is made to flow out from the drainage hole together with the water.

SOLUTION: In a compression type dehydrating device where a screw 12 is rotatably inserted in an outer cylinder 11 and a pressurizing cone is disposed on a raw material discharging hole 11b side, the screw 12 is constituted with two screws 12 in a mutually engaging condition so that the rear end 10A side of the screw 12 is inclined downward lower than the front end 10B side and a punching metal 13 is arranged at the end part of the outer cylinder to form the drainage hole 11c.

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